

10/532426

JC12 Re PCT/PTC 22 APR 2005

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## SEQUENCE LISTING

&lt;110&gt; Rosenberg, Lawrence

&lt;120&gt; USE OF INGAP FOR REVERSING DIABETES

&lt;130&gt; 1912-0308PUS1

&lt;140&gt; PCT/CA03/01635

&lt;141&gt; 2003-10-24

&lt;150&gt; US 60/420,677

&lt;151&gt; 2002-10-24

&lt;160&gt; 2

&lt;170&gt; FastSEQ for Windows Version 4.0

&lt;210&gt; 1

&lt;211&gt; 174

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Islet Neogenesis Associated protein (INGAP)

&lt;400&gt; 1

Met	Leu	Pro	Met	Thr	Leu	Cys	Arg	Met	Ser	Trp	Met	Leu	Leu	Ser	Cys
1				5					10					15	
Leu	Met	Phe	Leu	Ser	Trp	Val	Glu	Gly	Glu	Glu	Ser	Gln	Lys	Lys	Leu
			20					25					30		
Pro	Ser	Ser	Arg	Ile	Thr	Cys	Pro	Gln	Gly	Ser	Val	Ala	Tyr	Gly	Ser
		35					40					45			
Tyr	Cys	Tyr	Ser	Leu	Ile	Leu	Ile	Pro	Gln	Thr	Trp	Ser	Asn	Ala	Glu
	50				55					60					
Leu	Ser	Cys	Gln	Met	His	Phe	Ser	Gly	His	Leu	Ala	Phe	Leu	Leu	Ser
65				70					75					80	
Thr	Gly	Glu	Ile	Thr	Phe	Val	Ser	Ser	Leu	Val	Lys	Asn	Ser	Leu	Thr
			85					90					95		
Ala	Tyr	Gln	Tyr	Ile	Trp	Ile	Gly	Leu	His	Asp	Pro	Ser	His	Gly	Thr
			100				105						110		
Leu	Pro	Asn	Gly	Ser	Gly	Trp	Lys	Trp	Ser	Ser	Ser	Asn	Val	Leu	Thr
		115				120						125			
Phe	Tyr	Asn	Trp	Glu	Arg	Asn	Pro	Ser	Ile	Ala	Ala	Asp	Arg	Gly	Tyr
	130					135				140					
Cys	Ala	Val	Leu	Ser	Gln	Lys	Ser	Gly	Phe	Gln	Lys	Trp	Arg	Asp	Phe
145					150				155					160	
Asn	Cys	Glu	Asn	Glu	Leu	Pro	Tyr	Ile	Cys	Lys	Phe	Lys	Val		
			165					170							

&lt;210&gt; 2

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence-

&lt;220&gt;

&lt;223&gt; INGAP peptide

&lt;400&gt; 2

Gly	Leu	His	Asp	Pro	Ser	His	Gly	Thr	Leu	Pro	Asn	Gly	Ser	Gly
1				5					10					15